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ABSTRACT

The 14 chapters of this book focus on the technical advances, advances in applied settings, and emerging topics in the testing field. Part 1 discusses methodological advances, Part 2 considers developments in applied settings, and Part 3 reviews emerging topics in the field of testing. Part 1 papers include: (1) "Advances in Criterion-Referenced Measurement" (R. K. Hambleton and H. J. Rogers); (2) "Generalizability Theory" (D. N. M. de Gruijter and L. J. T. van der Kamp); (3) "Item Response Theory" (D. J. Weiss and M. E. Yoes); (4) "Analysis of Covariance Structures" (H. Swaminathan); (5) "Applications of Decision Theory to Test-Based Decision Making" (W. J. van der Linden); and (6) "Meta-Analysis" (J. E. Hunter and F. L. Schmidt). Part 2 papers include: (7) "Developments in Personnel Selection Methodology" (R. A. Roe and M. A. M. Greuter); (8) "Assessment Centers at the Dutch Central Government" (J. N. Zaal); (9) "Current Perspectives in the Assessment of the Handicapped" (S. Scarpati); (10) "Testing across Cultures" (F. J. R. van de Vijver and Y. P. Poortinga); and (11) "Reflections on Large-Scale Assessments of Student Achievement" (K. MacRury and others). Part 3 papers include: (12) "Computerized Adaptive Testing: Theory, Applications, and Standards" (R. K. Hambleton and others); (13) "Cognitive Theory and Psychometrics" R. J. Sternberg); and (14) "The Evolution of Ethical and Technical Standards for Testing" (W. Haney and G. Madaus). Chapter abstracts, biographical sketches of the contributing authors, and an index are included. (SLD)

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